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XII. *Tables of the Weights of the Human Body and Internal Organs in the Sane and Insane of both Sexes at various Ages, arranged from* 2614 *post-mortem examinations. By* ROBERT BOYD, *M.D., F.R.C.P.L., Physician to the Somerset County Lunatic Asylum. Communicated by Dr.* SHARPEY, *Sec. R.S.*

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THESE Tables have been compiled from notes of 2086 examinations made at St. Marylebone Infirmary, between 1839 and 1847; and of 528 examinations in cases of insanity made at the Somerset Lunatic Asylum, between 1848 and the end of December 1860, comprehending in all a period of twenty-one years. The calculations alone have been the labour of many months; a task, which, owing to the pressure of daily duties in a large establishment, I could not now have completed but for the able assistance of my relative Major BOYD.

The Tables are submitted with a hope that they may aid in forming a standard of the weight of the human organs from early infancy to old age. The cases are arranged at eighteen periods of life, under eighteen different heads, showing the average height and weight of the body (the measurement of the head, and weight of the spinal marrow in No. 2), the average weight of the encephalon and its several parts; also of each lung, of the heart, and of all the abdominal viscera. The assigned causes of death are given in the margin; also the variations in weight of the lungs, heart, and liver.

TABLE I.

Showing the maximum, minimum, and average height and weight of the human body, and weight compiled from 2086 cases, 1025 males and 1061 females, examined in the St. Marylebone and mean weight of the lungs in health and disease; of the hearts and livers above and also shown.

NOTE.

The weights are given in pounds, ounces, and decimal parts of an ounce avoirdupois.

The following method was pursued in examining the body:—It was measured from the vertex of the head to the inside of the foot behind the ball of the great toe; after being weighed, the spinal canal was opened, the cord with its membranes removed from below upwards, as high as possible, and weighed. The measurements of the head were next taken: the circumference around the occipital protuberance to the centre of the forehead; the antero-posterior from the former to the space between the eye-brows; and the transverse from the opening of one ear, over the vertex, to the opening of the other. The brain was then examined: the right and left cerebral hemispheres were each removed in slices to the tentorium, and weighed; the tentorium being divided on each side, the cerebellum, with pons and medulla, were raised; the crura cerebelli being divided close to the pons, each part was weighed, the pons and medulla together. The thoracic organs were next examined: the lungs having been taken out, the heart was removed by dividing the great vessels inside, and close to the pericardium; the cavities were opened, cleansed, and the organ weighed. The abdominal organs were weighed in the order in which they are set down in the Tables.

	Assigned causes of death.		
	Causes.	Males.	Females.
Still-born; full period.	Diseases of Digestive organs	1	1
	Diseases of Respiratory organs	2	0
	Diseases of (Enlarged thymus)	8	6
	Diseases of Vascular system	4	0
	Diseases of Nervous system	23	12
	Craniotomy	5	0
	Inquest cases	2	1
	Unknown causes	6	12
	Total	51	32
New born.	Diseases of Digestive organs	6	11
	Diseases of Respiratory organs	0	0
	Diseases of (Enlarged thymus)	1	1
	Diseases of Vascular system	3	3
	Diseases of Nervous system	12	7
	Inquest cases	9	8
	Unknown causes	14	15
	Total	45	45

TABLE I.

of the internal organs in both sexes, and in the fœtus, at eighteen periods from infancy to old age; parochial infirmary from 1839 to 1847. The assigned causes of death, the maximum, minimum, below the general average, and the mean weight of each kidney, where weighed separately, are

Age.	Sex.	Body.		Cerebral organs.				Thoracic organs.				Abdominal organs.						
		Weight.	Height.	Cerebrum.	Cerebellum.	Pons and medulla.	Encephalon.	Right lung.	Left lung.	Heart.	Thymus.	Stomach.	Liver.	Spleen.	Pancreas.	Kidneys.	Renal capsules.	Uterus.
		oz.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
Premature, still-born.																		
		Maximum.																
	M.	85	18	9	·75	·5	9·2	1·25	1·25	·75	·33	·5	7	·75	·25	1·13	·29	
	F.	75	18	8·5	·5	·19	9·13	1	1	·62	·19	·2	5·5	1	·2	·75	·33	·06
		Minimum.																
	M.	12	10	1·25	·06	·04	1·31	·19	·16	·06	·01	·02	·5	·02	·01	·13	·02	
	F.	8·5	10	·8	·19	·03	1·29	·06	·06	·06	·01	·02	·25	·02	·01	·6	·02	·002
		Average.																
	M.	45·5	14	5·33	·28	·12	5·6	·57	·52	·31	·1	·12	2·42	·2	·06	·44	·13	
	F.	38	13·5	4·42	·36	·1	4·62	·5	·42	·26	·07	·05	2·1	·23	·05	·32	·1	·02
		Number examined.																
	M.	28	26	21	19	19	25	24	24	27	24	20	27	26	17	24	25	
	F.	20	19	10	6	6	18	19	19	20	18	18	19	18	18	19	18	14
Still born; full period.																		
		Maximum.																
	M.	172	22	21	2	1	22	1·75	1·75	1·75	·75	·75	8·5	·75	·37	1·7	·75	
	F.	154	22	14·5	1·25	·37	15·12	1·75	·56	1	·75	·5	8·5	1·25	·25	1·62	·39	·13
		Minimum.																
	M.	60	16	8·75	·37	·04	9·37	·5	·31	·37	·06	·12	2·75	·12	·04	·5	·06	
	F.	67	17	7·5	·37	·03	8	·62	·5	·16	·08	·12	2·62	·12	·04	·37	·12	·01
		Average.																
	M.	105·7	18·5	12·87	·8	·02	13·87	1·03	·83	·72	·31	·22	5·33	·29	·11	·89	·25	
	F.	98·5	19	11·25	·75	·16	12·25	1·03	·83	·65	·3	·25	5·5	·37	·11	·82	·23	·06
		Number examined.																
	M.	51	48	42	43	43	43	47	47	50	50	42	49	47	46	48	45	
	F.	32	32	30	29	29	31	29	29	30	30	31	32	30	28	31	30	27
New born.																		
		Maximum.																
	M.	140	21	14	1·25	·37	15·37	1·75	1·25	1·25	1·02	·5	8·5	1	·37	2·25	·5	
	F.	128	21	15	1·25	·37	16	1·75	1·5	1·12	·56	·75	8·75	1·25	·25	1·5	·28	·08
		Minimum.																
	M.	42·5	14	5·62	·25	·06	6	·37	·29	·18	·06	·06	1·75	·06	·03	·25	·06	
	F.	25	14	1·62	·12	·04	1·75	·25	·21	·16	·02	·04	1·25	·04	·03	·25	·06	·01
		Average.																
	M.	81	18·2	10·84	·69	·2	11·67	1·04	·85	·54	·25	·23	4	·33	·11	·87	·17	
	F.	67·7	17·5	9·26	·62	·16	10	1·19	·86	·59	·21	·22	3·82	·34	·11	·68	·16	·04
		Number examined.																
	M.	45	45	44	40	40	42	44	44	44	44	42	45	42	39	28	42	
	F.	45	40	38	35	35	39	38	38	42	34	40	44	40	34	38	33	27

TABLE I.

Age.	Assigned causes of death.					No.		Average.		Maximum.		Minimum.	
	Causes.	Males.	Females.		Lungs.	Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
Under 3 months.	Diseases of: Digestive organs	0	4	Male.	Healthy	7	8	1·3	·95	1·5	1·25	·75	·5
	Genito-urinary organs	0	1		Phthisis	...	...	...	...	...	...	...	...
	Respiratory organs	6	8		Pneumonia	4	3	1·87	1·75	2·5	2·25	1	·75
	Vascular system	3	4		Bronchitis	...	...	...	...	...	...	...	...
	Nervous system	5	2	Female.	Healthy	11	11	1·04	·98	1·5	1·5	·37	·37
	Locomotive organs	0	1		Phthisis	...	...	...	...	...	...	...	...
	Fevers	0	2		Pneumonia	4	4	1·75	1·62	2·25	2	1·25	1·25
	Inquest cases	2	0		Bronchitis	...	...	...	...	...	...	...	...
	Total	16	22										
From 3 to 6 months.	Diseases of: Digestive organs	2	2	Male.	Healthy	9	9	1·42	1·38	2	1·75	·75	·75
	Respiratory organs	5	16		Phthisis	2	2	2·25	2	2·5	2·25	2	1·75
	Vascular system	4	1		Pneumonia	4	4	2·28	1·93	2·5	2	2	1·75
	Nervous system	2	3		Bronchitis	...	...	...	...	...	...	...	...
	Locomotive organs	1	2	Female.	Healthy	8	9	1·32	1·31	1·5	1·5	1·13	1
	Fevers	0	1		Phthisis	1	1	...	...	3	2·75	...	...
	Inquest cases	1	0		Pneumonia	9	8	2·86	2·19	5·5	2·25	1·5	1·25
	Total	15	25		Bronchitis	...	...	...	...	...	...	...	...
From 6 to 12 months.	Diseases of: Digestive organs	3	0	Male.	Healthy	15	14	1·87	1·77	2·75	2·37	1·25	1·13
	Genito-urinary organs	0	1		Phthisis	4	4	4·47	4·25	9·25	9·25	2	2
	Respiratory organs	29	23		Pneumonia	18	19	4·09	3·37	5·5	5	2·5	2·25
	Vascular system	5	4		Bronchitis	1	1	...	...	1·5	1·5	...	...
	Nervous system	6	4	Female.	Healthy	14	16	1·87	1·86	2·75	2·5	1	1·13
	Fevers	3	8		Phthisis	1	1	...	...	3·25	3	...	...
	Total	46	40		Pneumonia	19	17	3·37	2·85	5·5	4·5	2·12	2
					Bronchitis	3	3	2·12	2·56	2·75	3	2·13	1·75
From 1 to 2 years.	Diseases of: Digestive organs	1	2	Male.	Healthy	6	6	3·38	3·06	3·5	3·5	3	2·5
	Respiratory organs	19	15		Phthisis	3	3	4	4·87	5	6	3	2·75
	Vascular system	2	2		Pneumonia	19	19	4·68	4·47	7·25	6·5	3·75	3·25
	Nervous system	3	5		Bronchitis	2	2	2·5	2·5	2·25	2·5	2·75	2·5
	Fevers	9	9	Female.	Healthy	14	15	2·69	2·17	4·5	3·25	1·5	1·25
	Total	34	33		Phthisis	2	2	5	4·75	5·5	6·5	4·5	3
					Pneumonia	10	9	5·31	4·04	7	6	3	3
					Bronchitis	4	4	2·5	2·25	3	3	1·75	1 5

continued).

Age.	Sex.	Body.		Cerebral organs.				Thoracic organs.				Abdominal organs.						
		Weight.	Height.	Cerebrum.	Cerebellum.	Pons and medulla.	Encephalon.	Right lung.	Left lung.	Heart.	Thymus.	Stomach.	Liver.	Spleen.	Pancreas.	Kidneys.	Renal capsules.	Uterus.
		Maximum.																
		lbs. oz.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
Under 3 months.	M.	12 0	24	31·5	1·62	·5	32·75	2·5	2·25	1·5	·37	·77	8	·75	·75	2 25	·19	
	F.	12 0	22	31	1·75	·5	32·5	2·25	2	1	·75	·62	7	·75	·5	1·5	·25	·25
		Minimum.																
	M.	4 0	18	9·25	·5	·13	10·5	·75	·5	·5	·04	·25	2·5	·13	·06	·25	·06	
	F.	3 6	16	11	·5	·13	11	·37	·37	·25	·06	·20	3	·17	·06	·37	·06	·03
		Average.																
	M.	7 3	22	16·2	1·07	·24	17·42	1·51	1·16	·68	·16	·37	5	·34	·27	·99	·13	
	F.	6 2	20·7	14·81	·9	·25	15·94	1·23	1·15	·64	·17	·4	4·32	·33	·19	·94	·11	·06
		Number examined.																
	M.	16	16	15	15	15	16	11	11	16	11	15	16	16	15	14	13	
	F.	22	17	19	18	18	20	15	15	21	13	19	21	19	18	22	15	14
		Maximum.																
From 3 to 6 months.	M.	12 8	32	27·5	3	·5	30·75	2·5	2·25	1	·62	1·25	9	1·5	·5	2	·29	
	F.	11 8	25	33	2·75	·62	34·75	5·5	2·75	1·5	·5	·75	8·5	1·5	·5	2·5	·5	·06
		Minimum.																
	M.	4 8	19·5	15·5	·75	·25	10·75	·75	·75	·62	·06	·25	3	·25	·06	·75	·06	
	F.	4 0	19	13·5	·25	·13	13	1·13	1	·5	·03	·25	2·75	·19	·1	·75	·06	·02
		Average.																
	M.	8 5	22·7	20	1·72	·29	21·29	1·77	1·6	·88	·22	·49	6·22	·71	·21	1·3	·13	
	F.	7 0	22·5	18·05	1·69	·30	19·76	2·19	1·76	·81	·15	·5	5·44	·46	·22	1·09	·14	·04
		Number examined.																
	M.	15	15	14	14	14	15	15	15	15	9	15	15	15	14	14	13	
	F.	25	22	23	21	21	25	18	18	24	13	24	25	24	20	23	18	12
		Maximum.																
From 6 to 12 months.	M.	18 0	30	32	3·75	·75	36·13	9·25	9·25	2·25	·75	1·25	18·5	1·75	1·04	3·75	·5	
	F.	18 0	33	34·75	4	·62	39·13	5·5	4·5	2 25	·5	1·25	13	1·5	1·25	3	·37	·13
		Minimum.																
	M.	5 12	18	14·5	·75	·13	17·75	1·25	1·13	·5	·04	·25	4	·25	·08	1·25	·06	
	F.	6 0	19	13·5	1·75	·25	16·37	1	1·13	·5	·06	·25	3·5	·25	·13	·62	·06	·02
		Average.																
	M.	12 1·5	26	24·29	2·74	·39	27·42	3·20	2·86	1·18	·18	·64	9·41	·79	·34	2·43	·21	
	F.	10 11·5	25·7	22·68	2·32	·35	25·7	2·73	2·39	1·08	·15	·66	8·35	·72	·32	1·85	·18	·05
		Number examined.																
	M.	45	45	46	46	46	46	38	38	46	29	42	44	43	41	45	33	
	F.	40	39	38	38	38	40	37	37	40	25	29	40	40	36	39	32	27
		Maximum.																
From 1 to 2 years.	M.	26 0	34	36	4·5	·75	41·25	7·25	6·5	3·5	·5	1·75	17	8	·75	4	·25	
	F.	25 0	35	33·25	4·25	1	37	7	6·5	2·25	·5	1·37	17·25	2·25	1	4	·25	·13
		Minimum.																
	M.	10 8	24	20·5	2·75	·25	23·25	2·75	2·5	1	·06	·5	7·5	·5	·06	1	·06	
	F.	5 8	22	14·75	1·75	·25	18	1·5	1·25	·75	·04	·37	7	·5	·06	1·5	·06	·03
		Average.																
	M.	14 6	28·5	29·21	3·54	·5	33·25	4·12	3·99	1·66	·17	1	11·7	1·34	·44	2·55	·16	
	F.	13 2	27·7	26·19	3·15	·46	29·8	3·58	2·95	1·47	·13	·91	11·17	1·04	·49	2·4	·14	·05
		Number examined.																
	M.	34	32	34	34	34	34	30	30	34	19	32	34	33	30	33	30	
	F.	33	33	33	33	33	33	30	30	32	18	30	33	32	32	29	28	25

TABLE I.

From 2 to 4 years.

Assigned causes of death.												
Age.	Causes.	Males.	Females.	Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Diseases of	Digestive organs	2	3	Male. Healthy	8	7	3·8	3·35	4·75	4·75	3·25	2·75
	Genito-urinary organs	0	1	Male. Phthisis	6	6	6·16	5·87	10·75	10·75	3	4·5
	Respiratory organs	16	16	Male. Pneumonia	10	11	6·85	6·76	8·75	11	5·5	3·13
	Vascular system	1	2	Male. Bronchitis	2	2	4	3	4·5	4	3·5	2
	Nervous system	3	2	Female. Healthy	13	14	3·76	3·5	4·75	4·5	1·75	1·42
	Fevers	7	5	Female. Phthisis	3	3	6·37	5·25	8·25	6·5	5·5	5
	Total	29	29	Female. Pneumonia	11	10	7·01	5·91	9·5	8	4	3·5
				Female. Bronchitis	...	...	...	...	...	...	...	...

From 4 to 7 years.

Assigned causes of death.												
Age.	Causes.	Males.	Females.	Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Diseases of	Digestive organs	1	1	Male. Healthy	6	5	3·79	3·58	6·5	5·5	2	1·75
	Respiratory organs	15	10	Male. Phthisis	9	9	7·36	6·25	10	9·75	4·5	3·5
	Vascular system	3	3	Male. Pneumonia	6	7	6·96	8·46	8·5	14·5	5	5
	Nervous system	4	1	Male. Bronchitis	3	3	6·58	5·25	7	5·5	6	5
	Locomotive organs	0	1	Female. Healthy	8	7	3·13	3·23	4·5	4·75	2·13	2
	Fevers	4	5	Female. Phthisis	8	8	7·15	7·06	11	11	3·5	3
	Total	27	21	Female. Pneumonia	3	3	7·5	6·33	8	7·25	7·25	6
				Female. Bronchitis	...	...	...	...	...	...	...	...

Kidneys.	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Right	2	2·75	2·25	2·5	5	5·25	1·75	2·7
Left	2	3	2·5	2·75	5	3·25	1·75	2 34

From 7 to 14 years.

Assigned causes of death.												
Age.	Causes.	Males.	Females.	Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Diseases of	Digestive organs	3	2	Male. Healthy	3	4	7·42	6·06	9·25	6·75	4·5	4·5
	Respiratory organs	11	6	Male. Phthisis	7	7	9·5	10·22	15·25	16	5	5
	Vascular system	4	2	Male. Pneumonia	6	5	12·46	14·64	16·5	23·5	7·5	8
	Nervous system	2	4	Male. Bronchitis	1	1	...	...	9·5	7·5	...	...
	Locomotive organs	1	0	Female. Healthy	8	7	6·19	6·07	8	9	4·5	4
	Fevers	1	4	Female. Phthisis	2	2	8·5	8·25	12·5	11	4·5	5·5
	Total	22	18	Female. Pneumonia	1	2	...	14	29·5	16·5	...	11·5
				Female. Bronchitis	2	2	9·5	9·5	10	11·25	9	7·75

Livers.	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Under general average	11	32·25	18·25	26·79	11	23·5	15·5	20·8
Above general average	8	71	35·25	47·17	6	44	28	35·16
Kidneys.								
Right	10	6	1·87	3 51	1	2·25	...	...
Left	10	4·25	1·74	3·27	1	2·75	...	...

(continued).

Age.	Sex.	Body.		Cerebral organs.				Thoracic organs.				Abdominal organs.						
		Weight.	Height.	Cerebrum.	Cerebellum.	Pons and medulla.	Encephalon.	Right lung.	Left lung.	Heart.	Thymus.	Stomach.	Liver.	Spleen.	Pancreas.	Kidneys.	Renal capsules.	Uterus.
									Maximum.									
		lbs. oz.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
From 2 to 4 years.	M.	29 0	38	45	5	1	50·5	10·75	11	3·5	·5	2·5	22	4·5	1·5	5·5	·75	
	F.	31 0	37	39·5	5	·75	44·5	9·5	8	2·75	·33	1·75	19·75	4	1·25	5	·25	·13
									Minimum.									
	M.	12 0	27	26	3	·25	30·5	3	2	1·25	·08	1	11	·5	·25	1·75	·06	
	F.	8 ·2	26	24·25	3	·25	27·75	1·75	1·42	1	·08	·62	4·75	·25	·25	1·75	·08	·01
									Average.									
	M.	20 0	31·6	34·03	4·02	·66	38·71	5·45	5·08	2·14	·25	1·48	16·85	1·58	·76	3·33	·23	
	F.	18 7·5	31·6	30·77	3·7	·5	34·97	5·04	4·24	2·11	·16	1·2	13·49	1·28	·68	3·14	·15	·08
									Number examined.									
	M.	28	27	28	28	28	29	26	26	27	9	27	29	28	27	29	25	
	F.	28	28	29	29	29	29	27	27	29	14	28	29	27	27	28	24	21
									Maximum.									
From 4 to 7 years.	M.	47 0	45	43·5	5·25	1	49·5	10	14·5	3·75	·5	3·25	29	3·5	2·5	8·5	·37	
	F.	40 0	43	43	5·25	1·5	48·25	11	11	3·5	·25	3	31	4·25	1·5	6·5	·5	·25
									Minimum.									
	M.	14 0	29	21·5	2·5	·25	24·5	2	1·75	1·25	·13	·75	10·5	·5	·13	2	·13	
	F.	14 4	29	30	2·75	·5	34·75	2·13	2	·75	·06	1	12	·6	·37	2·37	·06	·04
									Average.									
	M.	25 8	37·5	35·44	4·17	·62	40·23	6·27	6·01	2·77	·25	1·95	19·13	1·85	·8	4·05	·21	
	F.	24 9	37	35·04	4·19	·68	40·11	5·52	5·45	2·3	1·07	1·67	19·56	1·65	·8	4·26	·16	·1
									Number examined.									
	M.	26	25	27	27	27	27	24	24	27	7	27	27	23	26	24	23	
	F.	23	23	17	17	17	19	19	18	20	3	21	20	18	19	21	20	16
									Maximum.									
From 7 to 14 years.	M.	74 0	54	50	6·25	1	57·25	16·5	23·5	5·5	...	9	71	5·75	2·17	10·5	·75	
	F.	72 0	59	46	5	1	52	29·5	16·5	6	·25	4·5	44	7	1·75	9·5	·5	·5
									Minimum.									
	M.	26 0	36	33·5	4	·5	39·25	4·5	4·5	2·25	...	2·25	18·25	1	·25	3·4	·13	
	F.	34 0	34	30	3·5	·5	34	4·5	4	1·75	·13	1	15·5	·5	·6	3·5	·26	·03
									Average.									
	M.	42 6	47	40·36	4·84	·76	45·96	10·14	10·38	4·25	...	3·69	34·71	3·03	1·68	6·58	·37	
	F.	38 6	45	35·86	4·27	·65	40·78	8·82	8·17	4·38	·17	2·55	25·86	2·54	1·34	5·75	·27	·19
									Number examined.									
	M.	19	19	22	22	22	22	17	17	21	...	19	19	19	18	20	13	
	F.	18	18	18	18	18	18	13	13	17	4	16	17	16	16	17	13	16

TABLE I.

From 14 to 20 years.

Assigned causes of death.	Males.	Females.
Diseases of: Digestive organs	1	2
Respiratory organs	7	8
Vascular system	0	1
Nervous system	5	1
Locomotive organs	4	1
Fevers	2	3
Total	19	16

Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Male. Healthy	6	5	11·71	9·89	18·5	17·5	7·75	6·5
Male. Phthisis	5	5	28·1	32	37·5	42	10·5	15·25
Male. Pneumonia	3	4	27·42	18·5	47	20·5	13·5	17
Male. Bronchitis	2	2	16·75	15·5	19·5	19·75	14	11·25
Female. Healthy	5	7	11·1	10·85	16·5	16	7	7
Female. Phthisis	2	2	21	20·25	27·25	24	14·75	16·5
Female. Pneumonia	4	2	23·75	24·25	30	33	19·5	15·5
Female. Bronchitis	1	1	...	...	19	16·5	...	...

	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Hearts.								
Under general average	11	7·5	3·5	5·71	7	8·25	4·5	7·4
Above general average	7	14	8·5	9·32	7	16·5	9·25	10·68
Livers.								
Under general average	8	56	32	39·41	5	53	23	35·64
Above general average	9	96	58	67·58	9	73	55	58·83
Kidneys.								
Right	10	6·5	3·5	4·52	2	7	3·5	5·25
Left	10	7·5	3	4·84	2	6·5	3	4·75

From 20 to 30 years.

Assigned causes of death.	Males.	Females.
Diseases of: Digestive organs	4	10
Genito-urinary organs	1	9
Respiratory organs	42	25
Vascular system	1	6
Nervous system	3	13
Locomotive organs	0	3
Fevers	6	9
Inquest cases	2	0
Total	59	75

Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Male. Healthy	9	8	17·36	17·31	20·75	19·5	11	9
Male. Phthisis	28	28	35·6	35	64·5	58	23	20·75
Male. Pneumonia	3	4	23·67	20·27	24·5	21	23	19·5
Male. Bronchitis	...	...	...	...	...	...	...	...
Female. Healthy	32	33	14·65	13·5	21	20	6·25	6·25
Female. Phthisis	16	16	25·78	26·16	36·5	36·5	16	14
Female. Pneumonia	11	10	30·26	21·27	31·5	30·25	22	18·5
Female. Bronchitis	2	2	20·75	19·75	22	21·5	19·5	18

	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Hearts.								
Under general average	36	10	5·5	8·54	44	9	3·5	7·3
Above general average	22	17	11	14	30	26	9·25	11·69
Livers.								
Under general average	39	60	32	51·53	38	52·25	28	45·52
Above general average	17	114	60·5	79·16	36	83·5	53	6[illegible]·81
Kidneys.								
Right	14	7·25	1·5	5·82	25	8	2·25	5·3
Left	14	9	4	6·48	25	6·75	2·25	5·3

From 30 to 40 years.

Assigned causes of death.	Males.	Females.
Diseases of: Digestive organs	3	9
Genito-urinary organs	3	3
Respiratory organs	70	44
Vascular system	4	9
Nervous system	26	15
Locomotive organs	0	1
Fevers	5	5
Inquest cases	2	3
Total	113	89

Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Male. Healthy	19	20	19·08	17·16	24·5	23·5	10·75	10·5
Male. Phthisis	49	49	36·71	31·24	63·5	52	14	10·5
Male. Pneumonia	16	15	39·89	25·98	87	47	21·5	22·5
Male. Bronchitis	12	12	24·14	20·27	32·5	28·5	20	13·75
Female. Healthy	35	33	14·53	13·11	20·25	18·75	9·5	6·25
Female. Phthisis	25	25	24·86	22·7	37	37	9	13
Female. Pneumonia	10	12	25·6	24·51	33	34	19	17
Female. Bronchitis	6	6	20·16	16·25	26·5	19	14·25	12·5

	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Hearts.								
Under general average	68	11·25	3·5	8·91	52	9·25	5·5	7·83
Above general average	40	30·25	11·5	15·51	35	18·75	9·5	12·11
Livers.								
Under general averege	62	58	24·5	48·58	52	53·5	22·5	43·84
Above general average	48	101	58·5	70·83	35	103	54	66·84
Kidneys.								
Right	35	8	3·25	5·88	32	6·25	3	4·61
Left	35	9	3·37	6·3	32	8·75	2·75	4·94

(continued).

Age.	Sex.	Body. Weight.	Body. Height.	Cerebral organs. Cerebrum.	Cerebral organs. Cerebellum.	Cerebral organs. Pons and medulla.	Cerebral organs. Encephalon.	Thoracic organs. Right lung.	Thoracic organs. Left lung.	Thoracic organs. Heart.	Thoracic organs. Thymus.	Abdominal organs. Stomach.	Abdominal organs. Liver.	Abdominal organs. Spleen.	Abdominal organs. Pancreas.	Abdominal organs. Kidneys.	Abdominal organs. Renal capsules.	Abdominal organs. Uterus.
								Maximum.										
		lbs. oz.	ft. in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
From 14 to 20 years.	M.	104 0	0 71	50·75	6·5	1·25	58·5	47	42	14	...	7	96	10·75	3·5	14	1	
	F.	107 0	0 67	45·5	5·5	1	52	30	33	16·5	...	6·5	73	7·25	4	13·5	1·25	2·5
								Minimum.										
	M.	40 0	0 54	34·5	4·25	·75	36·5	7·75	6·5	3·5	...	2·5	32	2·75	1	5·5	·25	
	F.	47 0	0 42	34	2	·5	37·5	7	7	4·5	·19	2·5	23	3·5	1·5	6·5	·25	·6
								Average.										
	M.	68 0	0 60·5	41·77	5·32	1	48·54	20·4	19·67	7·61	...	4·51	57·76	5·19	2·19	9·34	·52	
	F.	63 14	0 57·7	38·88	4·65	·85	43·94	17·52	15·08	8·46	...	4·6	54·33	4·68	2·64	9·09	·63	1·04
								Number examined.										
	M.	17	17	18	17	17	19	16	16	18	...	18	17	17	17	18	15	
	F.	14	12	15	15	15	16	12	12	15		14	15	14	14	14	10	11
								Maximum.										
From 20 to 30 years.	M.	132 0	6 0	48	6·25	1·25	57	64·5	58	17	...	8	114	19	5	16·5	1·25	
	F.	145 0	5 7	48·75	5·5	1·25	55·25	36·5	36	26	...	8·5	83·5	15	5	17	1·	4·25
								Minimum.										
	M.	60 0	5 0	33	4·5	·5	39·25	11	9	5·5	...	4	32	2·75	1·75	6	·12	
	F.	40 0	4 7	31·5	4	·5	35·75	6·25	6·25	·5	...	2·5	28	1·75	1·25	3·5	·25	·75
								Average.										
	M.	92 14·5	5 6·75	41·98	5·19	·93	47·9	32·34	30·09	10·06	...	5·51	60·29	7·19	3·54	11·57	·62	
	F.	86 13	5 2	38	4·82	·88	43·7	21·89	16·71	9·08	...	5·32	52·74	6·53	2·95	10·17	·63	1·73
								Number examined.										
	M.	55	57	52	52	52	59	50	50	58	...	58	56	59	55	57	47	
	F.	70	71	69	69	69	72	61	61	74	...	72	74	73	68	73	57	47
								Maximum.										
From 30 to 40 years.	M.	154 0	6 2	50	6·75	1·5	60·75	87	52	30·25	...	9·5	101	36	7	25	1·25	
	F.	147 0	5 9	46	6	1·5	53	37	37	18·75	...	8·5	103	20·5	6	20	1	4·5
								Minimum.										
	M.	60 0	4 2	28·25	2·75	·37	33·75	10·75	10·5	3·5	...	3·5	24·5	1·75	1	6·6	·25	
	F.	57 0	4 6	28·25	3·75	·5	33·25	9	6·25	5·5	...	3·25	22·5	1·25	1·25	6	·25	·5
								Average.										
	M.	98 3·5	5 6·5	42·06	5·15	·98	48·2	28·47	24·29	11·36	...	5·72	58·11	7·12	3·47	11·35	·61	
	F.	87 0	5 2	37·92	4·74	·91	43·09	18·74	17·64	9·45	...	5·34	53·61	6·13	3·05	10·34	·47	1·98
								Number examined.										
	M.	103	106	99	99	99	110	96	96	118	...	105	110	103	105	108	89	
	F.	85	84	79	80	80	89	76	76	87	...	83	87	85	85	80	67	79

TABLE I.

From 40 to 50 years.

Assigned causes of death. Causes.	Males.	Females.
Diseases of: Digestive organs	2	15
Genito-urinary organs	4	4
Respiratory organs	90	50
Vascular system	14	13
Nervous system	20	16
Locomotive organs	4	3
Fevers	4	4
Inquest cases	3	3
Total	141	98

Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Male. Healthy	28	32	18·86	17·5	28	27	5	5
Male. Phthisis	54	54	35·49	31·53	57	58	13·5	17·5
Male. Pneumonia	33	30	32·14	30·53	83·5	66	22	20
Male. Bronchitis	12	11	25·54	23·82	46	37·5	15·5	13·5
Female. Healthy	40	42	15·06	13·21	20·5	21	7·5	8·25
Female. Phthisis	27	27	25·62	23·01	42·5	43·5	16·5	16
Female. Pneumonia	13	11	25	25·24	38·5	41·5	20	18·25
Female. Bronchitis	7	7	22·51	18·96	24	23·25	20	12·5

	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Hearts.								
Under general average	88	11·5	5·75	9·52	60	9·5	5	7·58
Above general average	49	27	11·75	16·29	46	17·25	9·75	12·36
Livers.								
Under general average	88	58	30	53·41	65	49	25·5	41·08
Above general average	51	192	58·25	74·12	41	130	49·25	62·1
Kidneys.								
Right	50	9	2·5	5·07	32	7	2·25	4·25
Left	50	9	2·5	5·57	32	7	2·5	4·42

From 50 to 60 years.

Assigned causes of death. Causes.	Males.	Females.
Diseases of: Digestive organs	1	9
Genito-urinary organs	3	2
Respiratory organs	80	54
Vascular system	10	17
Nervous system	18	23
Locomotive organs	2	0
Fevers	3	3
Inquest cases	4	0
Total	121	108

Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Male. Healthy	21	22	19·28	16·04	25·5	25·5	10	9·25
Male. Phthisis	42	42	34·42	29·54	57·5	45	14	13·5
Male. Pneumonia	35	34	17·89	29·6	57	56·5	19	15·5
Male. Bronchitis	10	10	26·7	23·2	36	27·25	15·5	17·5
Female. Healthy	55	57	15·21	13·25	26	26	7·5	7
Female. Phthisis	15	15	26·27	21·89	38·75	32	21	11·5
Female. Pneumonia	16	14	25·75	25·25	35·5	55	19·25	13
Female. Bronchitis	11	11	20·68	15·65	24·5	20·5	16	10·5

	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Females. No.	Females. Max.	Females. Min.	Females. Aver.
Hearts.								
Under general average	71	11·75	6	9·62	63	10·25	5	8·33
Above general average	48	30	12	15·51	43	24	10·5	13·24
Livers.								
Under general average	63	55·25	30	46·06	63	43·75	28	37·07
Above general average	55	88	55·5	65·42	44	90	44	54·37
Kidneys.								
Right	36	7·25	3·25	5·21	37	7·75	1·5	4·27
Left	36	9·25	3·5	5·62	38	8	2·25	4·58

From 60 to 70 years.

Assigned causes of death. Causes.	Males.	Females.
Diseases of: Digestive organs	7	17
Genito-urinary organs	1	6
Respiratory organs	88	78
Vascular system	13	15
Nervous system	13	24
Locomotive organs	2	2
Fevers	5	6
Inquest cases	2	0
Total	131	148

Lungs.	No. Right.	No. Left.	Average. Right.	Average. Left.	Maximum. Right.	Maximum. Left.	Minimum. Right.	Minimum. Left.
Male. Healthy	24	36	17·84	16·92	30	27	13	10
Male. Phthisis	28	28	31·75	29·83	45	52	14·5	14
Male. Pneumonia	52	40	27·59	23·81	59·25	40·5	20·5	19
Male. Bronchitis	10	10	23·79	20·06	30	27	18	15
Female. Healthy	57	74	14·34	13·52	18	19·5	7	6·5
Female. Phthisis	21	21	24·62	22	34	34·5	13	7·5
Female. Pneumonia	36	19	27·06	22·15	49·5	32	17·75	15·75
Female. Bronchitis	22	22	19·83	17·08	28	24	12·75	10·5

	Male. No.	Male. Max.	Male. Min.	Male. Aver.	Female. No.	Female. Max.	Female. Min.	Female. Aver.
Hearts.								
Under general average	79	12·75	7	10·52	90	10·5	5·25	8·72
Above general average	47	24·75	13	17·02	59	20	10·75	13·5
Livers.								
Under general average	69	48	23	38·32	91	42·75	25	37·54
Above general average	58	173	48·25	57·31	63	79	43	51·03
Kidneys.								
Right	35	7·5	2·75	4·54	50	12·5	1·5	4·38
Left	35	7·25	·5	4·68	50	7	1·5	4·46

(continued).

Age.	Sex.	Body. Weight.	Body. Height.	Cerebral organs. Cerebrum.	Cerebral organs. Cerebellum.	Cerebral organs. Pons and medulla.	Cerebral organs. Encephalon.	Thoracic organs. Right lung.	Thoracic organs. Left lung.	Thoracic organs. Heart.	Thoracic organs. Thymus.	Abdominal organs. Stomach.	Abdominal organs. Liver.	Abdominal organs. Spleen.	Abdominal organs. Pancreas.	Abdominal organs. Kidneys.	Abdominal organs. Renal capsules.	Abdominal organs. Uterus.
From 40 to 50 years.																		
		Maximum.																
		lbs. oz.	ft. in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.		oz.	oz.	oz.	oz.	oz.	oz.	oz.
	M.	155 0	6 1	53·5	6·75	1·5	60	83·5	66	27	...	11·5	192	33	6	20·5	1·5	
	F.	133 0	5 7	46	6	1·25	52·5	42·5	43·5	17·25	...	9·5	130	15	5·25	21·5	1·25	
		Minimum.																
	M.	54 0	4 6	27·75	4·5	·75	33·75	5	5	5·75	...	3·75	30	1·75	2	5·5	·27	
	F.	44 0	4 10	31·25	4	·5	27·5	7·5	8·25	5	...	3	25·5	1	1·75	3·5	·25	·5
		Average.																
	M.	102 0	5 6·8	41·48	5·22	1·06	47·75	31·21	28·63	11·53	...	5·83	58·06	6·19	3·48	10·89	·74	
	F.	84 9·5	5 2	37·12	4·69	·89	42·81	19·73	17·47	9·6	...	5·2	49·03	5·04	2·73	8·8	·62	1·95
		Number examined.																
	M.	135	137	121	120	120	137	127	127	137	...	136	139	138	132	140	106	
	F.	97	97	94	94	94	106	87	87	106	...	103	106	104	99	106	77	88
From 50 to 60 years.																		
		Maximum.																
	M.	188 0	6 2	52	7	1·75	59	57·5	56·5	30	...	10	88	22	7	16·5	1·25	
	F.	171 0	5 7	46	5·75	1·5	52·5	38·75	55	24	...	8·5	90	17	6	14·25	1·25	4·5
		Minimum.																
	M.	66 0	4 10	24·5	4	·5	30·5	10	9·25	6	...	3·5	30	·75	1	5·5	·25	
	F.	50 0	4 6	29·5	3	·5	36·25	7·5	7	5	...	2·5	28	·75	1·25	4	·25	·75
		Average.																
	M.	102 ·5	5 6	41·09	5·13	·98	47·44	30·32	26·29	11·83	...	5·58	55·37	6·23	3·46	9·1	·64	
	F.	86 0	5 2	37·38	4·62	·86	43·12	19·48	17·08	10·44	...	5·42	44	4·67	2·83	8·55	·65	1·75
		Number examined.																
	M.	110	114	111	111	111	119	108	108	119	...	113	118	112	116	116	101	
	F.	100	104	91	91	91	103	97	97	106	...	103	107	105	89	108	89	93
From 60 to 70 years.																		
		Maximum.																
	M.	256 0	6 2	52·5	7	1·5	59·5	59·25	52	24·75	...	9	173	20	5	14·5	1·25	
	F.	147 0	6 0	48	6·25	1·25	54	49·5	34·5	20	...	9·25	79	15·5	6	14	1·25	3·5
		Minimum.																
	M.	70 0	5 0	31	3·5	·5	36·25	13	10	7	...	3	23	1·5	1·5	3·25	·12	
	F.	50 0	4 6	27·5	3·75	·5	32·5	7	6·5	5·25	...	3	25	·5	1·25	4	·25	·75
		Average.																
	M.	103 13	5 5·7	40·21	4·98	·97	46·4	28·52	24·16	12·94	...	5·58	48·24	4·82	3·1	8·83	·67	
	F.	86 14	5 1·5	37·13	4·68	·83	42·69	20·32	16·59	10·64	...	5·3	42·98	4·07	2·8	8·28	·64	1·53
		Number examined.																
	M.	123	125	119	119	119	127	114	114	126	...	125	127	126	122	123	102	
	F.	142	148	136	134	134	149	136	136	149	...	144	154	150	145	148	121	140

TABLE I.

Age.	Assigned causes of death.				No.		Average,		Maximum.		Minimum.	
	Causes.	Males.	Females.	Lungs.	Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
From 70 to 80 years.	Diseases of: Digestive organs	8	8	Male. Healthy	13	21	18·08	16·13	22	23·5	15	9
	Genito-urinary organs	2	9	Male. Phthisis	13	12	29·88	30·8	47	42·5	19·5	19
	Respiratory organs	58	69	Male. Pneumonia	40	30	32·78	27·65	85	43·5	20	18·25
	Vascular system	13	26	Male. Bronchitis	21	23	23·42	19·36	31·75	35	15·5	13
	Nervous system	20	37	Female. Healthy	48	56	13·32	12·34	19	18	6·5	5·5
	Locomotive organs	1	3	Female. Phthisis	11	11	23·67	18·26	31	27	14	10·5
	Fevers	2	1	Female. Pneumonia	35	37	25·11	25·38	45	48·5	15	15
	Total	104	153	Female. Bronchitis	33	33	19·04	16·08	30	22·75	12·5	11
					Male.				Female.			
					No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
				Hearts.								
				Under general average	57	13	5·5	9·96	86	10	5·25	8·09
				Above general average	43	27·5	13·25	17·04	64	21	10·25	12·5
				Livers.								
				Under general average	56	46	27	37·29	79	38·25	19·5	32·49
				Above general average	48	92	46·5	57·81	69	70	38·5	44·97
				Kidneys.								
				Right	19	6·75	2	4·46	31	5·75	1·5	3·8
				Left	19	9	3·25	5·19	31	7	2·25	3·96
Upwards of 80 years.	Diseases of: Digestive organs	0	2		No.		Average.		Maximum.		Minimum.	
				Lungs.	Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
	Genito-urinary organs	1	0	Male. Healthy	1	4	...	16·37	18·5	...	19·5	13
	Respiratory organs	19	37	Male. Phthisis	4	4	25·75	28·81	38·5	38	21	19
	Vascular system	1	12	Male. Pneumonia	13	10	34·13	26·85	61·5	32·5	29	22·5
	Nervous system	2	18	Male. Bronchitis	4	4	23·69	21·37	25	28	22	16·5
	Locomotive organs	1	3	Female. Healthy	26	34	13·31	12	19	17·5	7·75	6
	Fevers	0	2	Female. Phthisis	6	6	21·29	19·25	24·25	24	16·5	13·5
	Inquest cases	0	1	Female. Pneumonia	19	11	24·53	25·59	50	38·5	17	17·5
	Unknown causes	0	4	Female. Bronchitis	20	20	17·63	13·7	25·5	21·5	10·5	8·5
					Male.				Female.			
					No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
	Total	24	79	Hearts.								
				Under general average	12	12	8	10·1	50	10·25	5·5	8·71
				Above general average	12	16·75	12·5	14·1	26	26·5	10·5	13·27
				Livers.								
				Under general average	12	39·5	25·5	33·89	43	34·5	22	29·37
				Above general average	12	57	42	48·14	31	57	35	41·96
				Kidneys.								
				Right	2	6	5·75	5·87	6	3·75	2·5	3·46
				Left	2	6·25	6	6·12	6	4	2·5	3·58

(continued).

Age.	Sex.	Body.				Cerebral organs.				Thoracic organs.				Abdominal organs.						
		Weight.		Height.		Cerebrum.	Cerebellum.	Pons and medulla.	Encephalon.	Right lung.	Left lung.	Heart.	Thymus.	Stomach.	Liver.	Spleen.	Pancreas.	Kidneys.	Renal capsules.	Uterus.
		lbs.	oz.	ft.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.		oz.	oz.	oz.	oz.	oz.	oz.	oz.
From 70 to 80 years.																				
		Maximum.																		
	M.	172	0	6	1	48	6·25	1·75	55·25	85	43·5	27·5	...	11·75	92	17·5	6·25	21·75	1·25	
	F.	232	0	5	7	43	5·75	1·75	49·5	45	48·5	21	...	9	70	15·5	5·5	13	1	4·5
		Minimum.																		
	M.	60	0	5	0	32	3·25	·5	37·75	15	9	5·5	...	2·5	27	1	1·5	4	·2	
	F.	51	0	4	0	24·5	2·5	·5	29·25	6·5	5·5	5·25	...	1·75	19·5	1·25	1·25	4	·25	·5
		Average.																		
	M.	106	13	5	5·7	39·6	4·97	·94	45·5	18·77	17·11	13·14	...	5·92	46·33	4·93	3·22	10·68	·63	
	F.	80	4	5	1	35·58	4·47	·88	41·27	16·76	14·59	10·10	...	5·98	38·37	3·57	2·62	7·63	·61	1·56
		Number examined.																		
	M.	102		102		95	95	95	104	87	86	100	...	100	104	100	93	92	78	
	F.	146		150		128	127	126	148	127	127	150	...	149	148	150	145	149	119	127
Upwards of 80 years.																				
		Maximum.																		
	M.	125	0	6	0	46·5	6	1·25	53·75	61·5	38	16·75	...	6·5	57	13	4·5	12	1	
	F.	114	0	5	7	42	6·25	1·5	48	50	38·5	26·5	...	7	57	11	4·25	10·25	1	3
		Minimum.																		
	M.	67	0	5	2	36	3·25	·5	41	19·5	13	8	...	3·5	25·5	1·5	1·5	6	·37	
	F.	53	0	4	6	28	3·25	·5	33·25	7·75	6	5·5	...	2·5	22	1	1	5	·19	·75
		Average.																		
	M.	99	0	5	6·7	39·62	4·79	·89	45·34	30·46	24·30	12·1	...	4·99	41·01	4·27	2·83	8·25	·67	
	F.	79	5	5	0	34·47	4·47	·82	39·77	18·22	15·23	10·27	...	4·49	34·64	3·46	2·37	6·86	·59	1·42
		Number examined.																		
	M.	24		24		23	23	23	24	22	22	24	...	24	24	24	23	22	19	
	F.	75		76		68	68	68	77	71	71	76	...	78	74	74	78	77	71	70

TABLE II.

Showing the maximum, minimum, and average height and weight of the human body, and female patients, examined in the Somerset County Lunatic Asylum. The assigned

Forms of Insanity.		Under 30 years.		From 30 to 40 years.	
		Male.	Female.	Male.	Female.
Mania		13	11	16	21
Dementia		3	4	6	4
Melancholia		2	2	6	7
Monomania		1	1	3	...
Delirium tremens		...	...	1	...
Idiocy		4	1	..	...
Epilepsy with	Mania	9	6	3	9
	Dementia	1	1	1	1
	Melancholia	1	...	1	1
	Idiocy	11	3	3	2
General paralysis with	Mania	...	1	8	1
	Dementia	1	...	6	3
	Melancholia	...	...	1	...
	Monomania	...	...	6	...
Total		46	30	61	49

Age.	Assigned causes of death.					No.		Average.		Maximum.		Minimum.	
	Causes.	Males.	Females.	Lungs.		Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
	Diseases of			Male.	Healthy	17	20	15·35	13·28	20·5	19	8	6
					Phthisis	14	13	35·37	34·44	72	49·5	20·5	19
					Pneumonia	15	12	27·59	23·84	54	42	19·75	18·25
					Bronchitis	...	...	...	...	...	...	...	...
	Digestive organs	5	3	Female.	Healthy	13	16	14·03	13·74	20	16·5	10	8
	Genito-urinary organs	0	0		Phthisis	9	9	25·52	23·54	36·5	31	22·25	20
	Respiratory organs	27	17		Pneumonia	8	5	22·9	23·67	27·5	26	17·75	19·5
	Vascular system	1	0		Bronchitis	...	...	...	...	...	...	...	...
	Nervous system	11	10										
	Locomotive organs	1	0			Male.				Female.			
	Inquest cases	1	0			No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
	Total	46	30	Hearts.									
				Under general average		24	8·5	5	7·11	14	7·5	5	6
				Above general average		22	12·5	9	10·51	15	9·75	8	8·6
				Livers.									
				Under general average		23	50	28	40·88	18	44	24·5	38·23
				Above general average		23	84	51	60·84	11	75	45·75	61·87
From 30 to 40 years.						No.		Average.		Maximum.		Minimum.	
						Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
				Lungs.									
	Diseases of			Male.	Healthy	15	23	15·94	14·82	19·75	19·75	10	9·5
					Phthisis	10	10	37·53	48·99	74	52	23·5	16·75
					Pneumonia	34	26	31·02	28·52	45·5	47	20	20
					Bronchitis	...	...	...	...	...	...	...	...
	Digestive organs	2	10	Female.	Healthy	23	26	13·59	12·05	17·5	19·5	7	6
	Genito-urinary organs	0	0		Phthisis	11	12	24·23	24·48	40	33	13·25	18·25
	Respiratory organs	32	25		Pneumonia	13	9	25·85	22·96	46·5	29	19·5	16·25
	Vascular system	0	3		Bronchitis	1	1	...	...	23	14·75	...	...
	Nervous system	26	11										
	Locomotive organs	0	0			Male.				Female.			
	Fevers	1	0										
	Total	61	49			No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
				Hearts.									
				Under general average		35	9·9	5·25	8·54	29	7·5	4·5	6·49
				Above general average		24	16·5	10·5	12·03	20	16	8·25	9·38
				Livers.									
				Under general average		30	55·25	37	47·25	29	43·25	26·5	37·68
				Above general average		29	74·75	53·25	64·07	20	114	44·75	51·49

TABLE II.

weight of the internal organs and measurement of the head, in 528 cases, 295 male and 233 causes of death, &c., as in Table I., and the forms of insanity, are also shown.

From 40 to 50 years.		From 50 to 60 years.		From 60 to 70 years.		From 70 to 80 years.		Upwards of 80 years.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
25	14	14	10	13	10	5	4	1	1
13	7	4	8	14	14	5	12	7	4
4	10	9	9	7	12	4	2	...	...
2	1	4	5	...	2	3	1	...	...
1	...	...	...	...	...	...	...	...	...
...	1	1	2	...	2	...	...	...	...
6	3	2	3	2	...	1	1	...	...
...	4	2	...	1	...	1	...	...	...
1	1	...	...	...	...	...	...	...	...
1	...	...	1	...	...	...	...	...	...
10	3	3	...	...	1	2	...	...	...
12	5	3	1	2	...	...	...	...	...
2	...	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
77	49	43	39	39	41	21	20	8	5

Age.	Sex.	Body.		Measurement of head.			Cerebral organs.					Spinal cord.	Thoracic organs.			Abdominal organs.							
							Cerebrum.																
		Weight.	Height.	Circumference.	Antero-posterior.	Transverse.	Right hemisphere.	Left hemisphere.	Cerebellum.	Pons and medulla.	Encephalon.		Right lung.	Left lung.	Heart.	Stomach.	Liver.	Spleen.	Pancreas.	Right kidney.	Left kidney.	Renal capsules.	Uterus.
Under 30 years of age.																							
												Maximum.											
		lbs. oz.	ft. in.	in.	in.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
	M.	185 0	6 0	23·5	15·25	15·5	25·5	25·5	6·5	1·5	58	1·5	72	49·5	12·5	8	84	7·5	6	8·5	8	1·25	
	F.	106 0	5 8	23	14	16·5	24·5	24·75	6·25	1·5	55·75	1·5	36·5	31	9·75	6·5	75	16·5	4	6·5	7·75	1	2
												Minimum.											
	M.	55 0	5 2	20·25	10·5	10	13·75	8	3·25	·75	30	·75	8	6	5	3·5	28	2·25	2·25	1·75	1·5	·5	
	F.	47 0	4 11	19·5	11	12	13	13	3·5	·75	31	·75	10	8	5	3·75	24·5	2·5	2	2·75	2·75	·25	·75
												Average.											
	M.	91 8	5 6·7	22·03	13·32	13·29	20·89	21·05	5·23	1·04	48·17	1·1	25·32	22·55	8·75	5·44	50·18	4·86	3·52	4·65	4·82	·79	
	F.	77 10	5 2·5	21·22	13·07	13·32	19·21	19·51	4·82	1·01	44·55	1·05	19·82	18·57	7·57	5·06	44·84	5·13	2·94	4·14	4·32	·74	1·24
												Number examined.											
	M.	40	39	38	38	38	44	44	43	43	45	18	46	45	46	45	46	45	45	46	46	44	
	F.	27	23	24	24	23	30	30	30	30	30	18	30	30	29	30	29	30	30	30	30	27	28
From 30 to 40 years.																							
												Maximum.											
	M.	158 0	6 0	24	14·75	15	24·5	25	7	1·5	57·5	1·75	74	52	16·5	9	74·75	12·75	5·75	10	10·5	1·25	
	F.	123 0	5 6·5	23	14	14	24	24·5	6	1·75	55·75	1·5	46·5	33	16	7	114	20·25	5	7·5	8	1	4·5
												Minimum.											
	M.	66 0	5 2	20·5	10	10	13·5	14·5	4	·75	35·25	1	10	9·5	5·25	4	37	2·5	2	2·5	3·5	·5	
	F.	50 0	4 10	19	9	9	14·5	14·5	3·75	·75	34·5	·75	7	6	4·5	3·25	26·5	1·75	1·75	2	2·75	·25	·75
												Average.											
	M.	103 1·5	5 7·2	22·16	13·2	13·25	19·82	19·94	5·33	1·05	46·14	1·1	28·32	24·04	9·94	5·93	55·45	5·64	3·54	5·01	5·33	·83	
	F.	77 14	5 3·5	21·31	12·77	12·77	18·63	18·84	4·93	1·05	43·29	1·08	19·44	17·34	7·73	5·09	43·36	5·47	3·09	4·17	4·45	·81	1·84
												Number examined.											
	M.	55	53	46	45	46	61	61	61	61	61	22	59	59	59	58	59	59	59	58	58	57	
	F.	49	48	42	42	42	46	46	48	48	49	18	48	48	49	48	49	46	47	49	48	46	44

TABLE II.

Age.	Assigned causes of death.					No.		Average.		Maximum.		Minimum.	
	Causes.	Males.	Females.		Lungs.	Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
From 40 to 50 years.	Diseases of: Digestive organs	4	9	Male.	Healthy	14	24	16·43	15·64	19·5	19·25	10·25	10·5
	Genito-urinary organs	0	1		Phthisis	9	7	29·84	27·1	48·5	33	20	17·5
	Respiratory organs	43	18		Pneumonia	50	42	33·54	29·79	73·75	60	20	19
	Vascular system	1	3		Bronchitis	3	3	26·5	23·12	34	29	26	19·5
	Nervous system	29	15	Female.	Healthy	31	35	14·1	13·6	19·5	20	6·5	6
	Locomotive organs	0	1		Phthisis	3	3	23·98	23	26	31·5	20	18·5
	Fevers	0	2		Pneumonia	14	10	23·58	22·02	35	27	20	20
					Bronchitis	1	1	...	...	22	23	...	...
						Male.				Female.			
	Total	77	49		Hearts.	No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
					Under general average	40	10·5	6·5	9·31	25	8·25	4·75	6·82
					Above general average	36	16·5	10·75	12·33	24	12·5	8·5	9·87
					Livers.								
					Under general average	42	56·5	36	48·53	26	43·25	25	35·02
					Above general average	34	89	57·1	67·58	22	98·75	44	53
From 50 to 60 years.	Diseases of: Digestive organs	4	5		Lungs.	No.		Average.		Maximum.		Minimum.	
						Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
	Genito-urinary organs	0	0	Male.	Healthy	8	13	17·83	15·84	19·5	19	13	8
	Respiratory organs	23	15		Phthisis	9	9	28·87	26·3	57	42	16·5	11
	Vascular system	0	5		Pneumonia	24	19	29·27	28·58	59	57	18	17·5
	Nervous system	16	13		Bronchitis	1	1	...	...	25·75	23·5	...	...
	Locomotive organs	0	1	Female.	Healthy	24	24	14·61	12·14	19	16·75	7	6·75
					Phthisis	5	5	26·58	19·37	30·25	23·75	21·5	16
					Pneumonia	10	10	27·41	26·82	39	40	20	16
					Bronchitis	...	...	...	...	...	...	...	...
						Male.				Female.			
	Total	43	39		Hearts.	No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
					Under general average	26	10·75	5	9·48	22	9	5·5	7·55
					Above general average	16	24	11·25	14·5	17	16·75	9·25	13·31
					Livers.								
					Under general average	19	52·5	13	40·43	25	45·5	24·5	38·65
					Above general average	23	95	53·5	63·47	14	119·5	48	58·42
From 60 to 70 years.	Diseases of: Digestive organs	2	9		Lungs.	No.		Average.		Maximum.		Minimum.	
						Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
	Genito-urinary organs	1	0	Male.	Healthy	10	16	15·7	14·85	18·5	18·5	8·5	7
	Respiratory organs	13	14		Phthisis	3	3	42·87	35·87	48·75	42	37	29·75
	Vascular system	4	4		Pneumonia	23	17	37·33	32·89	74·5	47	23·5	20
	Nervous system	16	13		Bronchitis	3	3	19·5	16·5	21·75	19	16·5	16
	Locomotive organs	0	1	Female.	Healthy	26	30	13·59	12·21	18·75	18	9	7·5
	Fevers	1	0		Phthisis	7	7	21·54	24·87	30	26	12·5	15
	Inquest cases	2	0		Pneumonia	7	3	22·36	30·16	28	50	19	19·5
					Bronchitis	1	1	...	...	20	19·5	...	...
						Male.				Female.			
	Total	39	41		Hearts.	No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
					Under general average	22	12	6·5	9·53	26	9	6	7·62
					Above general average	17	27·5	12·5	15·58	15	15·5	9·5	11·77
					Livers.								
					Under general average	25	50	36	45·13	21	41	27	33·63
					Above general average	14	73	51	61·6	20	58	41·5	49·7

(continued).

Age.	Sex.	Body.		Measurement of head.			Cerebral organs.						Thoracic organs.			Abdominal organs.							
							Cerebrum.																
		Weight.	Height.	Circumference.	Antero-posterior.	Transverse.	Right hemisphere.	Left hemisphere.	Cerebellum.	Pons and medulla.	Encephalon.	Spinal cord.	Right lung.	Left lung.	Heart.	Stomach.	Liver.	Spleen.	Pancreas.	Right kidney.	Left kidney.	Renal capsules.	Uterus.
From 40 to 50 years.																							
		Maximum.																					
		lbs. oz.	ft. in.	in.	in.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
	M.	257 0	6 0	24·5	16	15	25·5	25·5	6·5	1·5	57·75	1·5	73·75	60	16·5	10	89	14·25	7·5	7·5	9	2	
	F.	132 0	5 7	23	14·5	15·5	23	21·5	6·5	1·5	51·25	1·37	35	31·5	12·5	8·25	98·75	11·5	5·25	7·5	7	1	3
		Minimum.																					
	M.	61 0	5 0	20·5	10·5	10·25	15	15·25	4	·75	36·25	·75	10·25	10·5	6·5	3·75	36	1·75	2	3	2·5	·5	
	F.	47 0	4 9	19	10	10·5	11·75	11·75	3	·75	27·25	·75	6·5	6	4·75	3	25	1·5	1·25	1·75	2	·5	1
		Average.																					
	M.	109 15·5	5 7·7	22·46	13·27	13·29	19·49	19·67	5·42	1·08	45·66	1·13	29·42	24·95	10·75	6·01	57·02	5·12	3·77	5·11	5·54	·91	
	F.	76 14·2	5 1·6	21·45	12·91	12·84	18·05	18·24	4·83	1·03	42·23	·97	17·55	16·05	8·31	5·19	43·51	4·33	2·88	4·2	4·42	·76	1·83
		Number examined.																					
	M.	57	57	60	59	59	76	76	76	76	77	28	76	76	76	76	76	76	75	75	75	71	
	F.	47	44	43	43	43	48	48	48	48	49	27	49	49	49	48	48	48	48	48	48	48	43
From 50 to 60 years.																							
		Maximum.																					
	M.	204 0	6 3	23·5	14·5	14·5	24	24·5	7	1·5	56	1·5	59	57	24	10	95	15	6·5	7	8·25	1·5	
	F.	128 0	5 7	22·5	14·5	14·25	22·5	23·25	6	1·25	51·75	1	39	40	16·75	7	119·5	14	5·5	7·75	5·5	1·5	2·75
		Minimum.																					
	M.	51 0	5 2	20	10·5	11	14·5	14·75	4·25	·75	34·5	·75	13	8	5	4	13	2	1·75	3·5	4	·5	
	F.	52 0	4 7	20·25	11	10	15·25	14·25	3·5	·5	34·25	·75	7	6·75	5·5	3	24·5	1·75	1·75	2·5	1·5	·5	·5
		Average.																					
	M.	110 4·2	5 7·8	22·15	12·9	13·31	20·44	20·73	5·35	1·06	47·68	1·06	26·45	23·82	11·22	6·19	52·8	5·06	3·64	4·89	5·41	·89	
	F.	79 14	5 2·5	21·48	12·95	12·73	18·66	18·75	4·74	1·03	43·18	·99	19·42	16·52	9·15	5·38	45·53	4·43	3·38	4·21	4·13	·75	1·77
		Number examined.																					
	M.	38	37	37	37	37	42	42	42	43	43	16	42	42	42	42	42	41	42	41	41	36	
	F.	37	33	34	34	34	39	39	39	39	39	19	39	39	39	39	39	39	37	39	39	38	37
From 60 to 70 years.																							
		Maximum.																					
	M.	188 0	6 0	23·5	14·5	15	25·5	26	6	1·96	58·75	1·25	74·5	47	27·5	10·5	73	10	5·75	6·75	6·75	1·5	
	F.	132 0	5 7	22·5	14	14	21·5	21·5	6·5	1·25	48·25	1·25	30	50	15·5	7·5	58	8·25	5	6·5	6·75	1	2·52
		Minimum.																					
	M.	67 0	5 3	21	10·5	11·5	15	14·75	4·25	·75	35·75	·75	8·5	7	6·5	4	36	2·25	2·5	3·5	3·5	·5	
	F.	46 0	5 0	20	11	10·5	14	14	4	·75	33·25	·91	9·5	7·5	6	2·75	27	1·5	1·75	2·5	2·5	·5	1
		Average.																					
	M.	106 15·2	5 5·8	22·34	13·28	13·4	20·66	20·86	5·22	1·08	47·82	1·03	29·02	22·91	12·42	5·87	50·77	4·72	3·7	4·53	5·09	·89	
	F.	79 9·3	5 2·5	21·19	12·73	12·81	18·37	18·53	4·85	·95	42·7	·96	16·42	15·05	9·12	4·89	41·31	3·59	2·87	3·84	3·98	·82	1·65
		Number examined.																					
	M.	35	36	29	29	29	39	39	39	39	39	15	39	39	39	39	39	39	39	39	39	33	
	F.	39	38	34	34	34	41	41	41	41	41	15	41	41	41	39	41	41	41	41	41	41	35

TABLE II.

Age.	Assigned causes of death.				No.		Average.		Maximum.		Minimum.	
	Causes.	Males.	Females.	Lungs.	Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
From 70 to 80 years.	Diseases of: Digestive organs	1	5	Male. Healthy	9	6	15·58	12·25	19·5	16	12·5	10·5
	Genito-urinary organs	1	0	Male. Phthisis	2	2	26·25	24·75	29·5	28·5	23	21
	Respiratory organs	5	7	Male. Pneumonia	5	8	30·75	32·56	45	37	21	21
	Vascular system	4	1	Male. Bronchitis	5	5	20·75	17·30	28	27·5	18	12
	Nervous system	10	7	Female. Healthy	8	6	12·53	10·98	16	16	9	8
	Locomotive organs	0	0	Female. Phthisis	1	1	...	...	20·5	20	...	...
				Female. Pneumonia	5	7	21·8	19·22	34	24·5	18·5	15·75
				Female. Bronchitis	6	6	18·22	16·31	28	20·5	14	11
	Total	21	20		Male.				Female.			
					No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
				Hearts.								
				Under general average	9	11·46	6	11·37	14	9·2	6·5	8·03
				Above general average	12	15·5	11	14·56	6	15	10·5	12·57
				Livers.								
				Under general average	10	41	32	37·67	12	38	28·25	34·91
				Above general average	11	63	46	49·98	8	58	41	44·79
Upwards of 80 years.	Diseases of: Digestive organs	0	0		No.		Average.		Maximum.		Minimum.	
					Right.	Left.	Right.	Left.	Right.	Left.	Right.	Left.
	Genito-urinary organs	0	0	Lungs.								
	Respiratory organs	4	2	Male. Healthy	1	3	...	11·67	...	13·5	10·5	8·5
	Vascular system	1	1	Male. Phthisis	...	...	...	...	...	...	...	...
	Nervous system	3	2	Male. Pneumonia	4	2	22·75	31·5	26·5	36	20	27
	Locomotive organs	0	0	Male. Bronchitis	3	3	21·75	15·66	29	16	11·25	15·5
				Female. Healthy	2	2	10·75	9·75	13	10·5	8·5	9
				Female. Phthisis	...	...	...	...	...	...	...	...
				Female. Pneumonia	2	2	18·5	17·75	23	19·5	14	16
				Female. Bronchitis	1	1	...	...	9	12	...	...
	Total	8	5		Male.				Female.			
					No.	Max.	Min.	Aver.	No.	Max.	Min.	Aver.
				Hearts.								
				Under general average	4	13	12	12·25	4	9·25	9	9·06
				Above general average	3	16	14	14·83	1	11	...	...
				Livers.								
				Under general average	5	41	32	38·58	2	38	36	37
				Above general average	3	60	43	50	3	45	41	43·67

(continued).

Age.	Sex.	Body.		Measurement of head.			Cerebral organs.						Thoracic organs.			Abdominal organs.							
							Cerebrum.																
		Weight.	Height.	Circumference.	Antero-posterior.	Transverse.	Right hemisphere.	Left hemisphere.	Cerebellum.	Pons and medulla.	Encephalon.	Spinal cord.	Right lung.	Left lung.	Heart.	Stomach.	Liver.	Spleen.	Pancreas.	Right kidney.	Left kidney.	Renal capsules.	Uterus.
		Maximum.																					
		lbs. oz.	ft. in.	in.	in.	in.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.
From 70 to 80 years.	M.	135 0	5 11	23·5	14	15	24·5	25	6	1·25	55	1·37	45	37	15·5	7·5	63	7	4	5	7·25	1	
	F.	130 0	5 8	22	14	13·5	20	21	6	1·25	48	1·25	34	24·5	15	7	58	5	4·5	5	4·5	1·5	2·5
		Minimum.																					
	M.	63 0	5 5	21	11	11·5	18	17·5	4	·75	40·5	·75	12·5	10·5	6	3·25	32	1·25	1·5	2	3	·5	
	F.	68 0	4 10	20	10·5	11·5	16	15·5	3·25	·75	36·75	·75	9	8	6·5	3·75	28·25	2	2	2·5	2·75	·5	1
		Average.																					
	M.	103 10·7	5 7·2	22·3	13·34	13·1	20·25	20·47	5·06	1·02	46·85	1	21·53	20·71	11·52	5·44	43·87	3·37	3·03	3·94	4·44	·77	
	F.	95 3·4	5 1·5	21·18	12·38	12·76	17·97	18·09	4·76	1·05	41·87	1·02	17·17	15·87	9·36	5·37	38·33	3·38	3·12	3·7	3·37	·81	1·58
		Number examined.																					
	M.	18	18	19	19	19	20	20	21	21	21	13	21	21	21	21	21	21	20	21	21	20	
	F.	15	18	15	15	15	20	20	20	20	20	9	20	20	20	20	20	20	20	20	20	20	20
		Maximum.																					
	M.	124 0	5 10	23	14·25	14	21·5	22	6	1·5	49·75	1·5	29	36	16	6·5	60	3·75	4	6	7·5	1	
	F.	103 0	5 6	22·5	14·5	14	19·25	19·5	6	1	44·5	1	23	19·5	11	5·5	45	4	3·5	4	4	1·75	2
		Minimum.																					
Upwards of 80 years.	M.	85 0	5 1	21·5	11	11·5	17	16	4·5	1	39·5	1	10·5	8·5	12	4	32	1·25	2	2·75	2·75	·75	
	F.	72 0	5 2	20	13	13	14·5	15·5	4·5	·75	15·25	·75	8·5	9	9	4	36	1·75	2·5	2	2·5	·75	1·25
		Average.																					
	M.	112 2	5 5	22·25	13·28	13·31	18·97	18·62	5·13	1·15	43·87	1·14	20·84	18·12	13·35	5	42·87	2·39	2·87	3·84	4·5	·89	
	F.	90 3	5 3·2	21·6	13·4	13·5	17·20	17·39	5	·96	40·55	·87	13·5	13·39	9·46	4·69	40·39	2·6	2·87	3·14	3·3	1·06	1·69
		Number examined.																					
	M.	7	7	8	8	8	8	8	8	8	8	6	8	8	7	7	8	8	8	8	8	5	
	F.	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	4	5	5	4	4

TABLE No. I.—*Assigned causes of death.*

In diseases of the digestive organs the disproportion between the sexes was great, 98 females to 45 males; there were 13 cases of infantile jaundice, 2 cases of imperforate anus, and 1 of malposition of the viscera in a new-born male. Diseases of the genito-urinary organs were more frequent amongst females than males, 33 to 15. Above half the mortality was owing to diseases of the respiratory organs; the per-centage amongst the male adults was 64·5, and amongst the females 47·6. In infants from 3 months to 4 years, pneumonia, frequently combined with eruptive fevers, prevailed; from 4 to 60 years pulmonary phthisis was most prevalent; and after 60 years pneumonia again prevailed. Of phthisis, there were 253 males and 140 females. Under diseases of the vascular system have been included those of the heart and blood-vessels, diseased state of the blood, purpura, hæmorrhage, dropsy, cachexy, scrofula, and cancer, which in the advanced periods of life, after 50 years, fell most heavily on females; the numbers were 85 males, and 120 females. Diseases of the nervous system were most fatal in infancy and old age, especially amongst male infants and aged females; the total numbers of all ages were males 167, females 187. Under the head "locomotive organs" are included accidents, diseases of bone, skin, and cellular tissue, of which there were 36 cases in both sexes. Of fevers, about 50 cases of the eruptive form occurred in infancy, and of ordinary fevers about 50 in adults. There were 43 "inquest cases," of which 23 were infants, mostly new-born, found exposed, and 20 were adults. There were 51 "causes unknown," viz. 47 still-born and new-born infants, and 4 females upwards of 80 years.

Results.

The general results obtained from a review of the foregoing cases among the poor of the parish of St. Marylebone, appear to be that, with few exceptions, the body and internal organs arrived at their full size in both sexes between 20 and 30 years. In children especially, the body was attenuated from disease: for example, one scrofulous female child, aged 3 years, weighed only $8\frac{1}{4}$ lbs., and the numbers about that age were insufficient to counterbalance the effect of such cases on the mean result, and form a standard of comparison for children of the same age under more favourable circumstances. The average weight of the males was greatest at from 70 to 80 years, which is to be accounted for by the large proportion cut off at earlier periods by pulmonary phthisis. The mean weight of the male brain was, at all periods, above that of the female, which was the probable cause of the large number of still-born male infants as compared with females, 51 to 32, and the necessity of resorting to craniotomy in five instances in the males only. The highest average weight of the brain in both sexes was from 14 to 20 years; the next highest was in the males from 30 to 40, and in the females from 20 to 30 years; but it will be observed that the number of cases were much fewer in these than in other later periods. The weight of the lungs was so much, and so frequently increased by disease, that healthy lungs were exceptions: it

therefore appeared advisable to introduce in the margin their weights in various states; also the weights of the heart and liver, which were subject to great variations. The "Thymus gland," an organ which disappears with infancy, was so large in the fœtus in fourteen cases, that it appeared to have formed a fatal impediment to respiration. The abdominal organs were generally heavier in the male than in the female; the spleen in both was subject to considerable variations in size, and the mean weight of the left kidney was generally found greater than that of the right.

TABLE No. II.—*Assigned causes of death.*

Diseases of the digestive organs, principally peritonitis, enteritis, and dysentery, were found in 18 males and 41 females, and most frequently in females from 30 years of age and upwards. In 1 male and 2 females there was disease of the kidneys; diseases of the respiratory organs in 147, one-half of the males, and in 98 females; 44 were cases of pulmonary consumption in males and 37 in females; 91 were cases of pneumonia in males and 55 in females. Of diseases of the vascular system, 11 occurred in males and 17 in females; 5 were cases of pericarditis, 4 in males; 13 of dropsy, 8 in females; and 11 of cachexy, of which 7 were females. Diseases of the nervous system were found in 109 males and 66 females; viz. cerebral apoplexy in 9 males and 8 females; meningitis in 22 males and 11 females; disease of brain in 55 males and 36 females; myelitis in 23 males and 11 females; so that 37 per cent. of males and 28·3 per cent. of females had organic disease of the cerebral organs. In Table I. the proportion is only 12·3 per cent. in the males and 17·6 per cent. in the females. There were 3 deaths from lumbar abscess, 1 from cancer, 1 from erysipelas, 4 from fever, and 3 were inquest cases.

Results.

The average *height* of the adult male varied from 67·8 to 65 inches, of the female from 63·2 to 61·6 inches; while the mean weight of the former varied from 112·12 to 91·5 lbs., and of the latter from 95·2 to 76·9, showing a preponderance in the insane male of 6 lbs., and in the insane female of 8 lbs., as compared with the sane adults dying at the same period of life.

The average weight of the right cerebral hemisphere varied in the males from 20·89 oz. to 18·97 oz., and in the females from 19·21 oz. to 17·20 oz.; the left varied in the males from 21·05 oz. to 18·62 oz., and from 19·51 oz. to 17·39 oz. in the females. It is a singular fact, confirmed by the examination of nearly 200 cases at St. Marylebone, in which the hemispheres were weighed separately, that almost invariably the weight of the left exceeded that of the right by at least the eighth of an ounce. In the Med. Chir. Trans. vol. xxxix., several cases of inequalities of the cerebral hemispheres which came under my notice are given. The average weight of the cerebellum varied in the males from 5·42 oz. to 5·06 oz., and from 5 to 4·74 oz. in the females; that of the pons Varolii and medulla in the males from 1·15 oz. to 1·02 oz., and from 1·05 to ·95 oz.

in the females; and that of the encephalon in males from 48·17 oz. to 43·87 oz., and in females from 44·55 oz. to 40·55 oz.; in the sane, at the same period of life, the average varied in the male from 48·2 to 45·34, and in the female from 43·7 to 39·77.

The general average weight of the lungs is shown in the Table, and the exceptions in the margin. The average weight of the heart did not reach its maximum until an advanced period of life.

In the abdominal organs nothing was observed differing essentially from those in Table No. I.